Author index

Addison, R.
Studies on the sedimentation behavior of the *Neurospora crassa* plasma membrane H^+-ATPase synthesized in vitro and integrated into homologous microsomal membranes (1030) 127
Allen, T.J.A.
The effects of manganese and changes in internal calcium on Na-Ca exchange fluxes in the intact squid giant axon (1030) 101
Alonso, G.L., Takara, D. and González, D.A.
Direct demonstration of an acid-labile phosphoenzyme in the cycle of the sarcoplasmic reticulum Ca^{2+}-dependent adenosinetriphosphatase (1030) 172
Andersson, L. and Lundahl, P.
Substantial glucose leakage from liposomes on filters and upon molecular-sieve chromatography in determinations of reconstituted glucose-transport activity and liposome volumes (1030) 258
Arakelian, V.B., see Melikyan, G.B. (1030) 11
Askari, A., see Huang, W.-H. (1030) 65

Barwicz, J., see Tancrède, P. (1030) 289
Bennekou, P. and Christophersen, P.
The gating of human red cell Ca^{2+}-activated K^+-channels is strongly affected by the permeant cation species (1030) 183
Benos, D.J., see Hamilton, K.L. (1031) 16
Bhakuni, V., see Kumar, A. (1030) 269
Borghgraef, R., see Van den Bosch, L. (1030) 223

Cherry, R.J., see Portlock, S.H. (1030) 1
Chini, E.N., Montero-Lomeli, M. and De Meis, L.
K^+- and Mg^{2+}-dependent hydrolysis of acetyl phosphate catalyzed by the $(Ca^{2+} + Mg^{2+})$-ATPase of sarcoplasmic reticulum (1030) 152
Chiu, I.-N., see Huang, W.-H. (1030) 65
Christophersen, P., see Bennekou, P. (1030) 183
Clague, M.J., see Portlock, S.H. (1030) 1
Čulić, O., Sabolić, I. and Žanić-Grubišić, T.
The stepwise hydrolysis of adenine nucleotides by ectoenzymes of rat renal brush-border membranes (1030) 143

De Block, J., Petit, K., Van Laer, L., Dillen, L., Roggen, E. and De Potter, W.
Calmodulin-binding proteins in granule and plasma membranes from bovine chromaffin cells (1030) 134
Dechent, C., see Kramer, W. (1030) 41
De Jong, M.D., see Van Hoek, A.N. (1030) 203
De Meis, L., see Chini, E.N. (1030) 152
De Potter, W., see De Block, J. (1030) 134
Derappe, Y.G.C., see Feugeas, J.-P. (1030) 60
De Smedt, H., see Van den Bosch, L. (1030) 223
Devés, R. and Krupka, R.M.
A simple test for the sidedness of binding of transport inhibitors (1030) 24
Devés, R. and Krupka, R.M.
Inhibition of choline transport in erythrocytes by *n*-alkanols (1030) 32
Dillen, L., see De Block, J. (1030) 134
Donnet, C., Medrano, S., Otero, M., Ochoa, E.L.M. and Rossi, J.P.F.C.
Characteristics of a presynaptic plasma membrane Ca^{2+}-ATPase activity from electric organ (1030) 195

Feugeas, J.-P., Néel, D., Pavia, A.A., Laham, A. and Derappe, Y.G.C.
Glycosylation of the human erythrocyte glucose transporter is essential for glucose transport activity (1030) 60
Fonteneau, P., see Illinger, D. (1030) 73

Ganapathy, V., see Miyamoto, Y. (1030) 189
Ganjeizadeh, M., see Huang, W.-H. (1030) 65
Gerencser, G.A.
Reconstitution of a chloride-translocating ATPase from *Aplysia californica* gut (1030) 301
Girbig, F., see Kramer, W. (1030) 41
Girbig, F., see Kramer, W. (1030) 50
Glasser, N., see Illinger, D. (1030) 82
Gokhale, S.M., see Kumar, A. (1030) 269
González, D.A., see Alonso, G.L. (1030) 172
Green, B.R., see Webb, M.S. (1030) 231
Gruda, I., see Tancrède, P. (1030) 289
Gudi, S.R.P., see Kumar, A. (1030) 269
Gupta, C.M., see Kumar, A. (1030) 269
Gutjahr, U., see Kramer, W. (1030) 41
Gutjahr, U., see Kramer, W. (1030) 50

Haas, P., see Renthal, R. (1030) 176
Hamilton, K.L. and Benos, D.J.
A non-selective cation channel in the apical membrane of cultured A6 kidney cells (1031) 16
Hannapel, C., see Renthal, R. (1030) 176
Härmälä, A.-S., see Slotte, J.P. (1030) 251
Hoekstra, F.A., see McKersie, B.D. (1030) 119
Huang, W.-H., Ganjeizadeh, M., Wang, Y., Chiu, I.-N. and Askari, A.
Autoregulation of the phosphointermediate of Na^+/K^+-ATPase by the amino-terminal domain of the α-subunit (1030) 65
Hunt, G.R.A., see Kaszuba, M. (1030) 88

Illinger, D., Poindron, P., Fonteneau, P., Modollel, M. and Kuhry, J.-G.
Internalization of the lipophilic fluorescent probe trimethylamino-diphenylhexatriene follows the endocytosis and recycling of the plasma membrane in cells (1030) 73
Illinger, D., Poindron, P., Glasser, N., Modollel, M. and Kuhry, J.-G.
The plasma-membrane internalization and recycling is enhanced in macrophages upon activation with gamma-interferon and lipopolysaccharide; a study using the fluorescent probe trimethylamino-diphenylhexatriene (1030) 82

Jansson, C., see Slotte, J.P. (1030) 251
Jutras, S., see Tancrède, P. (1030) 289

Kaszuba, M. and Hunt, G.R.A.
^{31}P- and ^1H-NMR investigations of the effect of *n*-alcohols on the hydrolysis by phospholipase A_2 of phospholipid vesicular membranes (1030) 88
Keough, K.M.W., see Vrbjar, N. (1030) 94
Kramer, W., Dechent, C., Girbig, F., Gutjahr, U. and Neubauer, H.
Intestinal uptake of dipeptides and β-lactam antibiotics. I. The intestinal uptake system for dipeptides and β-lactam antibiotics is not part of a brush border membrane peptidase (1030) 41
Kramer, W., Gutjahr, U., Girbig, F. and Leipe, I.
Intestinal absorption of dipeptides and β-lactam antibiotics. II.

Purification of the binding protein for dipeptides and β-lactam antibiotics from rabbit small intestinal brush border membranes (1030) 50
Krieg, L.C., see McKersie, B.D. (1030) 119
Krupka, R.M., see Devés, R. (1030) 24
Krupka, R.M., see Devés, R. (1030) 32
Kuhry, J.-G., see Illinger, D. (1030) 73
Kuhry, J.-G., see Illinger, D. (1030) 82
Kulanthaivel, P., see Miyamoto, Y. (1030) 189
Kumar, A., Gudi, S.R.P., Gokhale, S.M., Bhakuni, V. and Gupta, C.M.
Heat-induced alterations in monkey erythrocyte membrane phospholipid organization and skeletal protein structure and interactions (1030) 269

Laham, A., see Feugeas, J.-P. (1030) 60
Leibach, F.H., see Miyamoto, Y. (1030) 189
Leipe, I., see Kramer, W. (1030) 50
Li, C. and Poznansky, M.J.
Effect of FCCP on tight junction permeability and cellular distribution of ZO-1 protein in epithelial (MDCK) cells (1030) 297
Lundahl, P., see Andersson, L. (1030) 258

Matinyan, N.S., see Melikyan, G.B. (1030) 11
McKersie, B.D., Hoekstra, F.A. and Krieg, L.C.
Differences in the susceptibility of plant membrane lipids to peroxidation (1030) 119
Medrano, S., see Donnet, C. (1030) 195
Melikyan, G.B., Matinyan, N.S. and Arakelian, V.B.
The influence of gangliosides on the hydrophilic pore edge line tension and monolayer fusion of lipid membranes (1030) 11
Miyamoto, Y., Kulanthaivel, P., Ganapathy, V., Whitford, G.M. and Leibach, F.H.
Calcium-induced inhibition of taurine transport in brush-border membrane vesicles from rabbit small intestine (1030) 189
Modollel, M., see Illinger, D. (1030) 73
Modollel, M., see Illinger, D. (1030) 82
Montero-Lomeli, M., see Chini, E.N. (1030) 152

Néel, D., see Feugeas, J.-P. (1030) 60
Neubauer, H., see Kramer, W. (1030) 41
Nguyen, A.S., see Renthal, R. (1030) 176
Norris, F.A. and Powell, G.L.
The apparent permeability coefficient for proton flux through phosphatidylcholine vesicles is dependent on the direction of flux (1030) 165

Ochoa, E.L.M., see Donnet, C. (1030) 195
Orlov, S.N., see Petrunyaka, V.V. (1030) 279
Otero, M., see Donnet, C. (1030) 195

Panyushkina, E.A., see Petrunyaka, V.V. (1030) 279
Pavia, A.A., see Feugeas, J.-P. (1030) 60
Petit, K., see De Block, J. (1030) 134
Petrunyaka, V.V., Panyushkina, E.A., Severina, E.P. and Orlov, S.N.
The ATPase activity of saponin-treated rat erythrocytes: regulation by monovalent cations, calcium, ouabain, and furosemide (1030) 279
Poindron, P., see Illinger, D. (1030) 73
Poindron, P., see Illinger, D. (1030) 82
Popescu, D. and Victor, G.
Association probabilities between the single chain amphiphiles into a binary mixture in planar monolayers (1030) 238
Pörn, M.I., see Slotte, J.P. (1030) 251
Portlock, S.H., Clague, M.J. and Cherry, R.J.
Leakage of internal markers from erythrocytes and lipid vesicles induced by melittin, gramicidin S and alamethicin: a comparative study (1030) 1
Powell, G.L., see Norris, F.A. (1030) 165
Poznansky, M.J., see Li, C. (1030) 297

Ramanujam, K.S., Seetharam, S., Ramasamy, M. and Seetharam, B.
Renal brush border membrane bound intrinsic factor (1030) 157
Ramasamy, M., see Ramanujam, K.S. (1030) 157
Renthal, R., Hannapel, C., Nguyen, A.S. and Haas, P.
Regeneration of bacteriorhodopsin in mixed micelles (1030) 176
Roggen, E., see De Block, J. (1030) 134
Rossi, J.P.F.C., see Donnet, C. (1030) 195

Sabolić, I., see Čulić, O. (1030) 143
Seelig, A.
Substance P and antagonists. Surface activity and molecular shapes (1030) 111
Seetharam, B., see Ramanujam, K.S. (1030) 157
Seetharam, S., see Ramanujam, K.S. (1030) 157
Severina, E.P., see Petrunyaka, V.V. (1030) 279
Simatos, G.A., see Vrbjar, N. (1030) 94
Slotte, J.P., Härmälä, A.-S., Jansson, C. and Pörn, M.I.
Rapid turn-over of plasma membrane sphingomyelin and cholesterol in baby hamster kidney cells after exposure to sphingomyelinase (1030) 251

Takara, D., see Alonso, G.L. (1030) 172
Tancrède, P., Barwicz, J., Jutras, S. and Gruda, I.
The effect of surfactants on the aggregation state of amphotericin B (1030) 289
Thomas, P.G. and Verkleij, A.J.
The dissimilar interactions of the calcium antagonist flunarizine with different phospholipid classes and molecular species: a differential scanning calorimetry study (1030) 211

Van den Bosch, L., De Smedt, H. and Borghgraef, R.
Development of the Na^+-dependent hexose carrier in LLC-PK_1 cells is dependent on microtubules (1030) 223
Van Hoek, A.N., De Jong, M.D. and Van Os, C.H.
Effects of dimethylsulfoxide and mercurial sulfhydryl reagents on water and solute permeability of rat kidney brush border membranes (1030) 203
Van Laer, L., see De Block, J. (1030) 134
Van Os, C.H., see Van Hoek, A.N. (1030) 203
Verkleij, A.J., see Thomas, P.G. (1030) 211
Victor, G., see Popescu, D. (1030) 238
Vrbjar, N., Simatos, G.A. and Keough, K.M.W.
Temperature dependence of kinetic parameters of $(Ca^{2+} + Mg^{2+})$-ATPase in rabbit and winter flounder sarcoplasmic reticulum (1030) 94

Wang, Y., see Huang, W.-H. (1030) 65
Webb, M.S. and Green, B.R.
Effects of neutral and anionic lipids on digalactosyldiacylglycerol vesicle aggregation (1030) 231
Whitford, G.M., see Miyamoto, Y. (1030) 189

Žanić-Grubišić, T., see Čulić, O. (1030) 143